



IAP15 Rec'd PCT/PTO 27 NOV 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/571,143  
 Applicant : A. C. R. TYRER et al.  
 Filed : March 9, 2006  
 TC/A.U. : Unassigned  
 Examiner : Unassigned

Docket No. : 3259-102  
 Customer No. : 06449  
 Confirmation No. : 3679

Mail Stop: Missing Parts  
 Director of the United States Patent  
 and Trademark Office  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS

In response to the Notice to File Missing Requirements mailed July 26, 2006, the items checked below are attached in the order listed:

|   |  |
|---|--|
| X | Fee transmittal itemizing payment of the fees enumerated thereon. If any additional payment is required, please charge such to Deposit Account No. 02-2135. An extra copy of the fee transmittal form is also attached for that purpose. |
| X | A response copy of the Notice to File Missing Requirements   |
| X | A declaration/power of attorney executed by the inventor(s)  |
|   | A preliminary amendment  |
|   | A substitute specification   |
|   | Formal drawings comprised of ____ sheets   |
|   | An English translation of the non-English specification originally filed   |
|   | A sequence list in paper   |
|   | A sequence list in computer-readable form  |
|   | A statement verifying the contents of the sequence list  |
| X | An information disclosure statement, form 1449 and copies of the references  |
|   | Certified copy(ies) of the priority document(s)  |

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 WI FC:1252 450.00 DA

|  |        |
|--|--------|
|  | Other: |
|--|--------|

Remarks:

|   |   |           |              |          |                         |
|---|---|-----------|--------------|----------|-------------------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>6449</b> |   |           |              |          |                         |
| Name  | George R. Repper, Reg. No. 31,414                                 |           |              |          |                         |
| Signature   | <i>George R. Repper</i><br><i>In fflly / the Reg. No. 28957</i>   |           |              | Date     | <i>27 November 2006</i> |
| Address   | Rothwell, Figg, Ernst & Manbeck<br>Suite 800, 1425 K Street, N.W. |           |              |          |                         |
| City  | Washington  | State     | D.C.         | Zip Code | 20005                   |
| Country   | U.S.A.  | Telephone | 202-783-6040 | Fax      | 202-783-6031            |

1365569

**COPY**

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

|                             |                                |                  |
|-----------------------------|--------------------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT          | ATTY. DOCKET NO. |
| 10/571,143                  | Andrew Charles Radcliffe Tyrer | 3259102          |

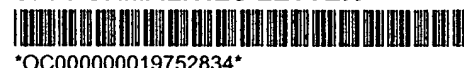
|                               |
|-------------------------------|
| INTERNATIONAL APPLICATION NO. |
| PCT/GB04/03846                |

|                  |               |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
| 09/09/2004       | 09/09/2003    |

06449  
 ROTHWELL, FIGG, ERNST & MANBECK, P.C.  
 1425 K STREET, N.W.  
 SUITE 800  
 WASHINGTON, DC 20005



CONFIRMATION NO. 3679  
 371 FORMALITIES LETTER.



\*OC000000019752834\*

Date Mailed: 07/26/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/09/2006
- Copy of the International Search Report filed on 03/09/2006
- Copy of Annexes to the IPER filed on 03/09/2006
- Preliminary Amendments filed on 03/09/2006
- U.S. Basic National Fees filed on 03/09/2006
- Priority Documents filed on 03/09/2006

RECEIVED/FACILITIES  
 ROTHWELL FIGG ERNST & MANBECK  
 FILE NO.: 3259-102  
 FAC PROC. INT.



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 \_\_\_\_\_

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

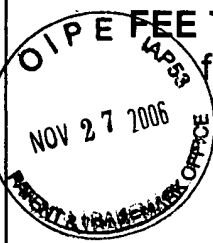
*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/571,143                  | PCT/GB04/03846                | 3259102          |

|  |            |                        |                       |
|--|------------|------------------------|-----------------------|
|  |            | Complete if Known      |                       |
|  |            | Application Number     | 10/571,143            |
|  |            | Filing Date            | March 9, 2006         |
|  |            | First Named Inventor   | A. C. R. TYRER et al. |
|  |            | Examiner Name          | Unassigned            |
|  |            | Group Art Unit         | Unassigned            |
| <input type="checkbox"/> Applicant claims small entity status                    |            | Attorney Docket Number | 3259-102              |
| Total Amount of Payment  | (\$ 580.00 | Confirmation Number    | 3679                  |

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge the fees indicated below or credit overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any additional fee required under 37 CFR 1.16 and 1.17 to Deposit Account No. 02-2135.
2. ☐ Payment by check enclosed

### FEE CALCULATION

#### 1. FILING, SEARCH AND EXAMINATION FEES

| Code | Fee | Fee Description           | Fee Paid |
|------|-----|---------------------------|----------|
| 1001 | 300 | Utility Filing Fee        | [ ]      |
|      | 790 | filed before Dec. 8, 2004 | [ ]      |
| 1111 | 500 | Utility Search Fee        | [ ]      |
| 1311 | 200 | Utility Examination Fee   | [ ]      |
| 1002 | 200 | Design Filing Fee         | [ ]      |
|      | 350 | filed before Dec. 8, 2004 | [ ]      |
| 1112 | 100 | Design Search Fee         | [ ]      |
| 1312 | 130 | Design Examination Fee    | [ ]      |
| 1003 | 200 | Plant Filing Fee          | [ ]      |
|      | 550 | filed before Dec. 8, 2004 | [ ]      |
| 1113 | 300 | Plant Search Fee          | [ ]      |
| 1313 | 160 | Plant Examination Fee     | [ ]      |
| 1004 | 300 | Reissue Filing Fee        | [ ]      |
|      | 790 | filed before Dec. 8, 2004 | [ ]      |
| 1114 | 500 | Reissue Search Filing Fee | [ ]      |
| 1314 | 600 | Reissue Examination Fee   | [ ]      |
| 1005 | 200 | Provisional Filing Fee    | [ ]      |

**SUBTOTAL \$ -0-**

#### 2. CLAIMS

|                           | Extra Claims      | Fee        | Fee Paid |
|---------------------------|-------------------|------------|----------|
| Total Claims              | [ ] - 20* = [ ] x | \$50 = [ ] | [ ]      |
| Independent Claims        | [ ] - 3* = [ ] x  | 200 = [ ]  | [ ]      |
| Multiple Dependent Claims | +                 | 360 = [ ]  | [ ]      |

\*or number previously paid, if greater

**SUBTOTAL \$ -0-**

#### 3. APPLICATION SIZE FEE

Total Sheets [ ] - 100 = [ ] 1/50 = [ ]\*\* x \$250 =

\*\* Number of each additional 50 or fraction thereof

**SUBTOTAL \$ -0-**

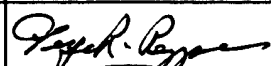
### FEE CALCULATION (continued)

#### 4. ADDITIONAL FEES

| Fee Code            | Fee Paid | Fee Description  | Fee Paid |
|---------------------|----------|--|----------|
| 1051                | 130      | Surcharge - late filing fee or oath  | [130- ]  |
| 1052                | 50       | Surcharge - late provisional filing fee or cover sheet                                 | [ ]      |
| 1053                | 130      | Non-English specification  | [ ]      |
| 1812                | 2,520    | For filing a request for reexamination   | [ ]      |
| 1804                | 920      | Requesting publication of SIR prior to Examiner action                                 | [ ]      |
| 1805                | 1,840    | Requesting publication of SIR after Examiner action (reduced by basic filing fee paid) | [ ]      |
| 1251                | 120      | Extension for reply within first month   | [ ]      |
| 1252                | 450      | Extension for reply within second month  | [450- ]  |
| 1253                | 1,020    | Extension for reply within third month   | [ ]      |
| 1254                | 1,590    | Extension for reply within fourth month  | [ ]      |
| 1255                | 2,160    | Extension for reply within fifth month   | [ ]      |
| 1401                | 500      | Notice of Appeal   | [ ]      |
| 1402                | 500      | Filing a brief in support of an appeal   | [ ]      |
| 1403                | 1,000    | Request for Oral Hearing   | [ ]      |
| 1451                | 1,510    | Petition to institute a public use proceeding  | [ ]      |
| 1452                | 500      | Petition to revive -unavoidable  | [ ]      |
| 1453                | 1,500    | Petition to revive - unintentional   | [ ]      |
| 1807                | 50       | Processing fee under 37 CFR 1.17(q)  | [ ]      |
| 1806                | 180      | Submission of Information Disclosure Statement   | [ ]      |
| 1809                | 790      | Filing a submission after final rejection (37 CFR 1.29(a))                             | [ ]      |
| 1810                | 790      | For each additional invention to be examined (37 CFR 1.129(b))                         | [ ]      |
| 1801                | 790      | Request for Continued Examination (RCE)  | [ ]      |
| 1802                | 900      | Request for expedited examination of a design application                              | [ ]      |
| 1504                | 300      | Publication fee for early, voluntary, or normal publication                            | [ ]      |
| 1505                | 300      | Publication fee for republication  | [ ]      |
| 1455                | 200      | Filing application for patent term adjustment  | [ ]      |
| 1456                | 400      | Request for reinstatement of term reduced  | [ ]      |
| 1814                | 130      | Statutory Disclaimer   | [ ]      |
| Other fee (specify) |          |  | [ ]      |

**SUBTOTAL \$ 580.00**

11/30/2006 GFREY1 00000059 022135 10571143

|                       |  |   |  |                          |          |
|-----------------------|--|---|--|--------------------------|----------|
| 01 FC: 1617 130.00 DA |  | SUBMITTED BY  |  | Complete (if applicable) |          |
| NAME AND REG. NUMBER  |  | George R. Repper, Reg. No. 31,414   |  |                          |          |
| SIGNATURE             |  |  |  | DATE                     | 11-27-06 |
|                       |  | DEPOSIT ACCOUNT USER ID   |  |                          |          |